TARGET SHOOOT

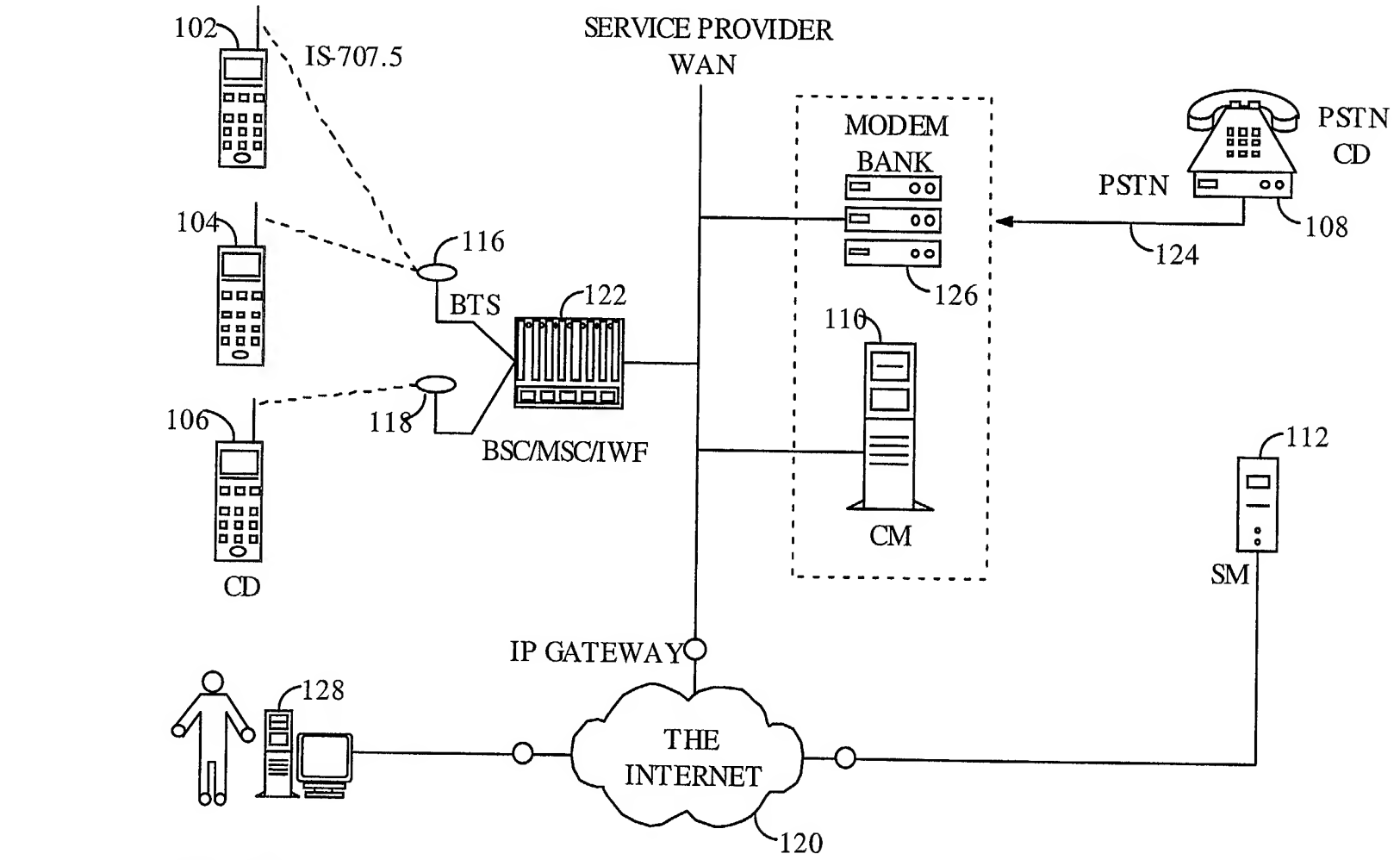


FIG. 1

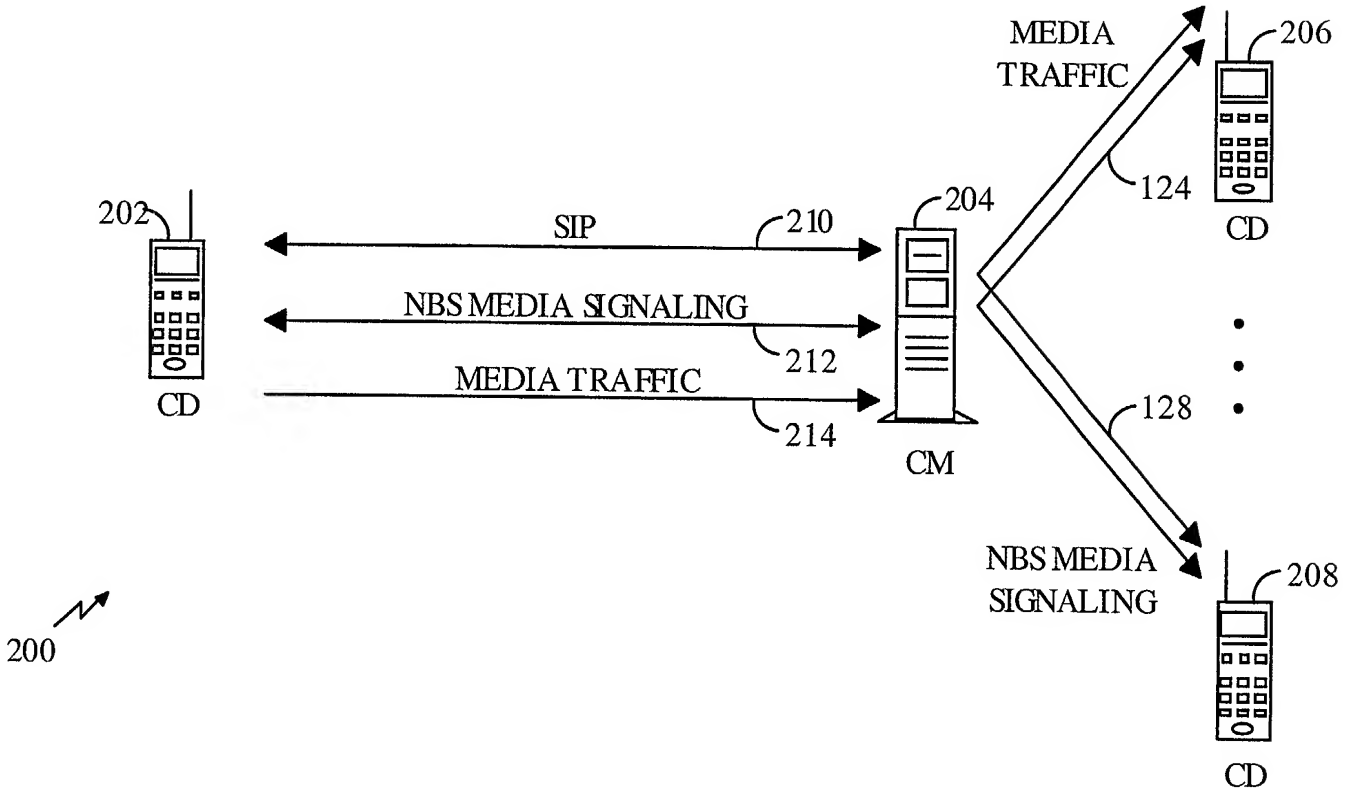

MEDIA
TRAFFIC
206
124
202
SIP
210
204
CD
NBS MEDIA SIGNALING
212
MEDIA TRAFFIC
214
CD
CM
128
NBS MEDIA
SIGNALING
208
CD
200

FIG. 2

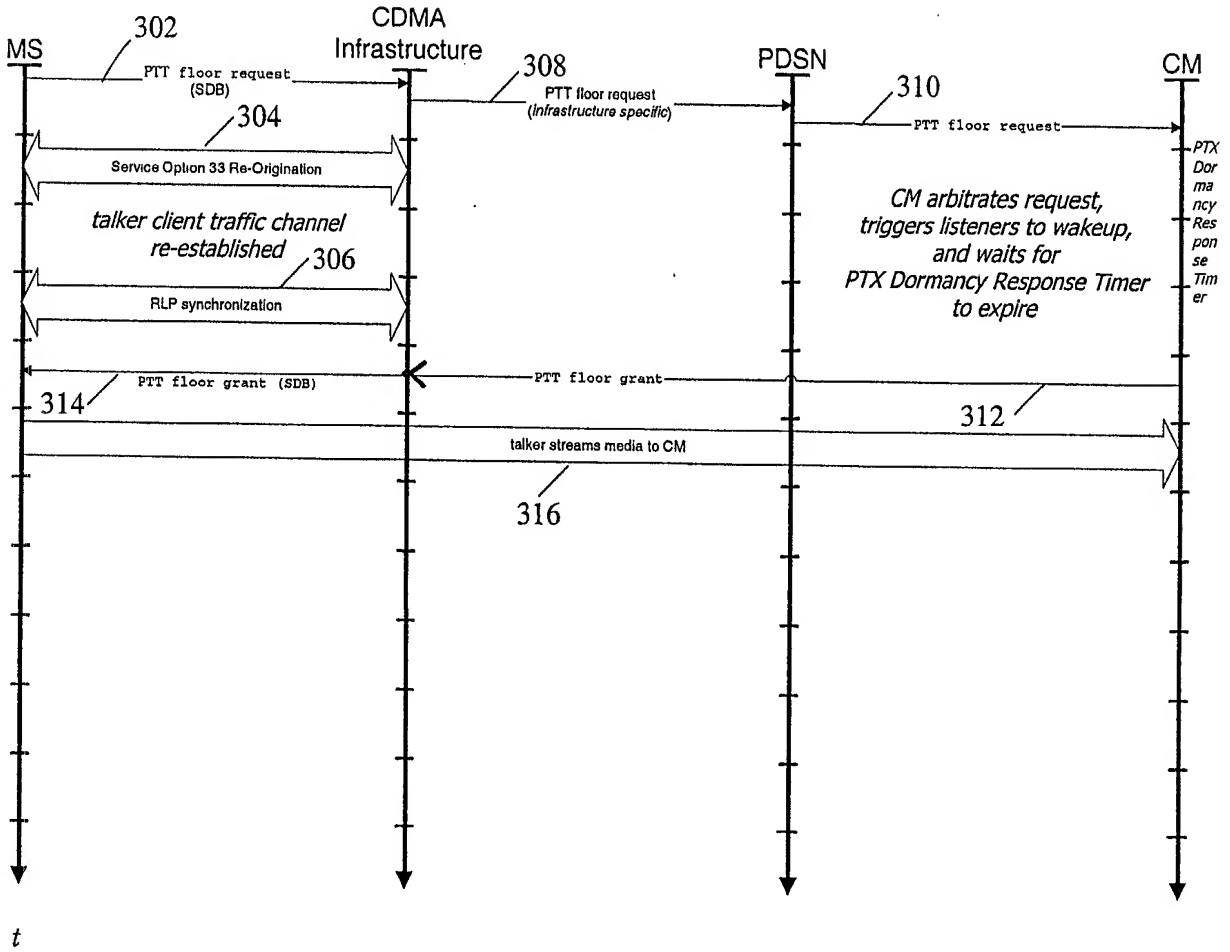

MS
CDMA Infrastructure
PDSN
CM
302
PTT floor request (SDB)
308
PTT floor request (Infrastructure specific)
310
PTT floor request
304
Service Option 33 Re-Origination
talker client traffic channel re-established
306
RLP synchronization
CM arbitrates request, triggers listeners to wakeup, and waits for PTX Dormancy Response Timer to expire
PTX Dormancy Response Timer
PTT floor grant
PTT floor grant (SDB)
314
312
talker streams media to CM
316
t

FIG. 3

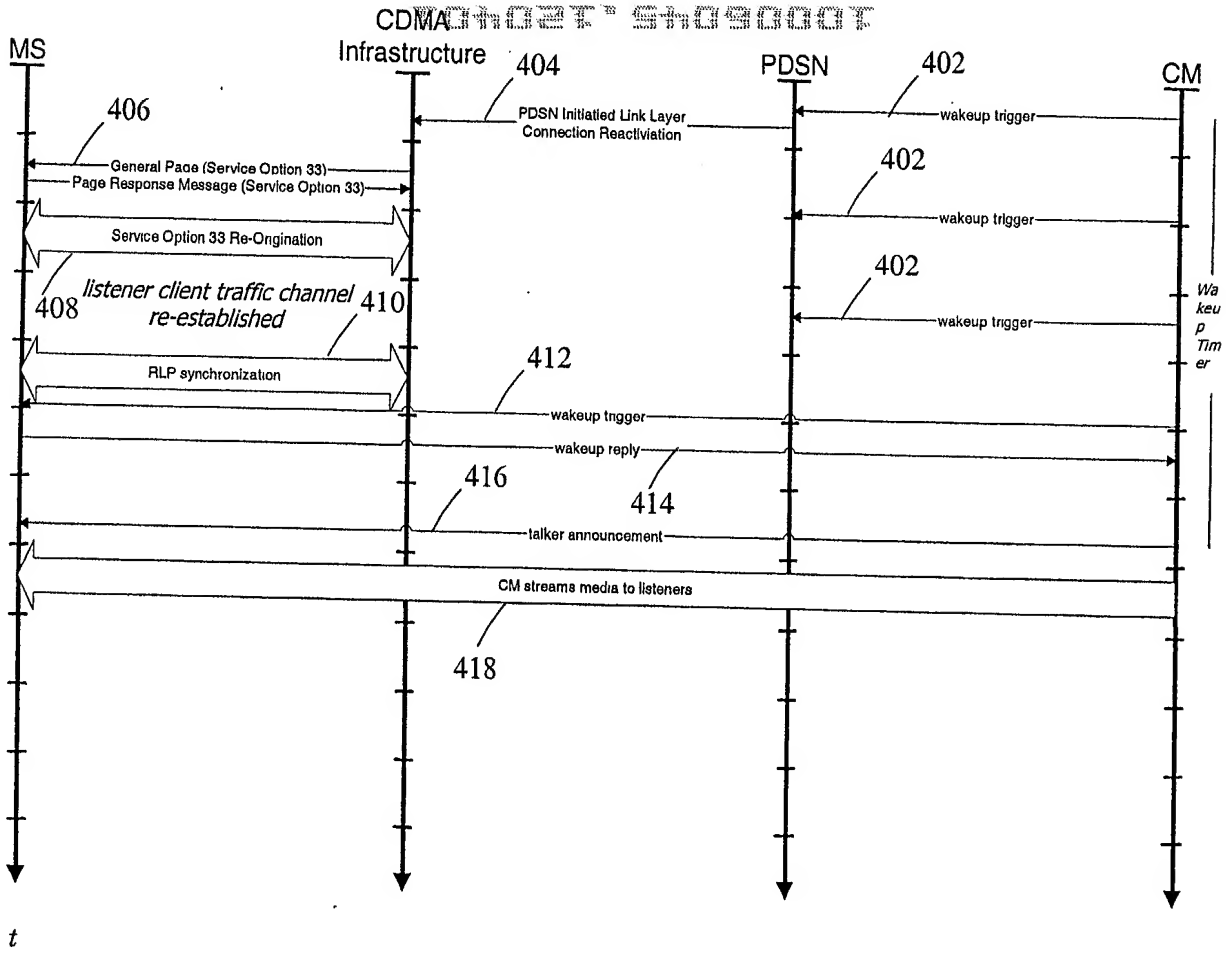
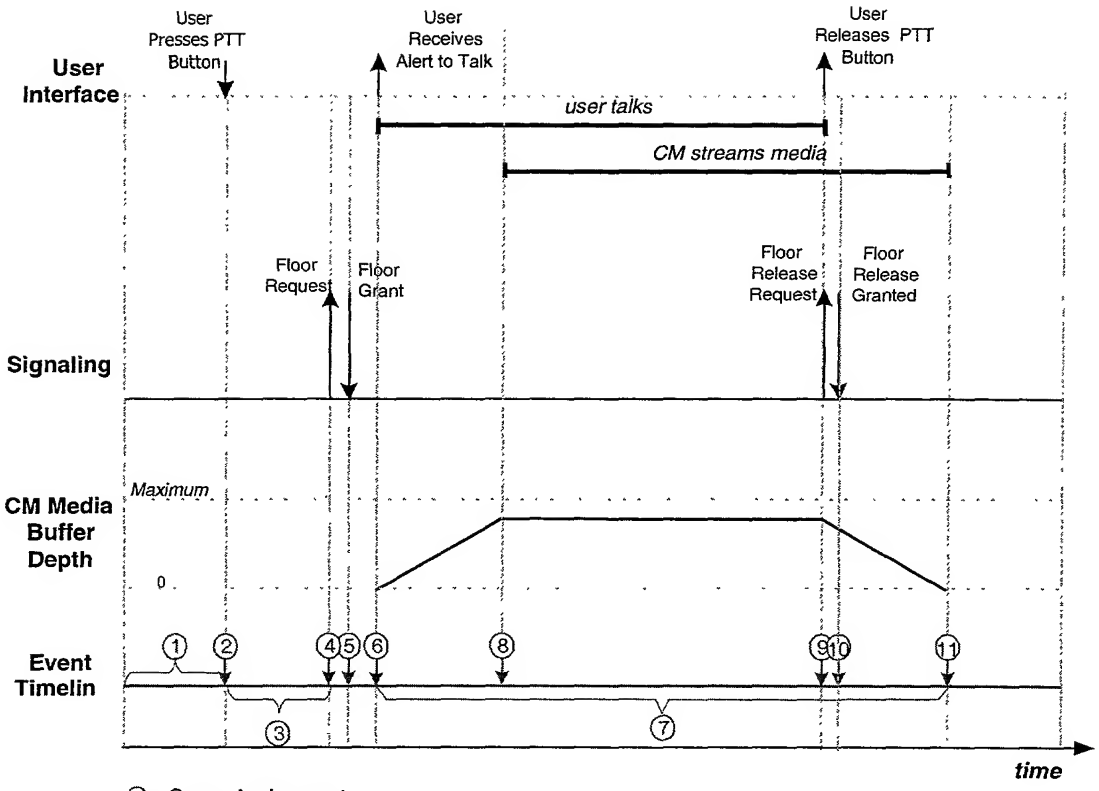
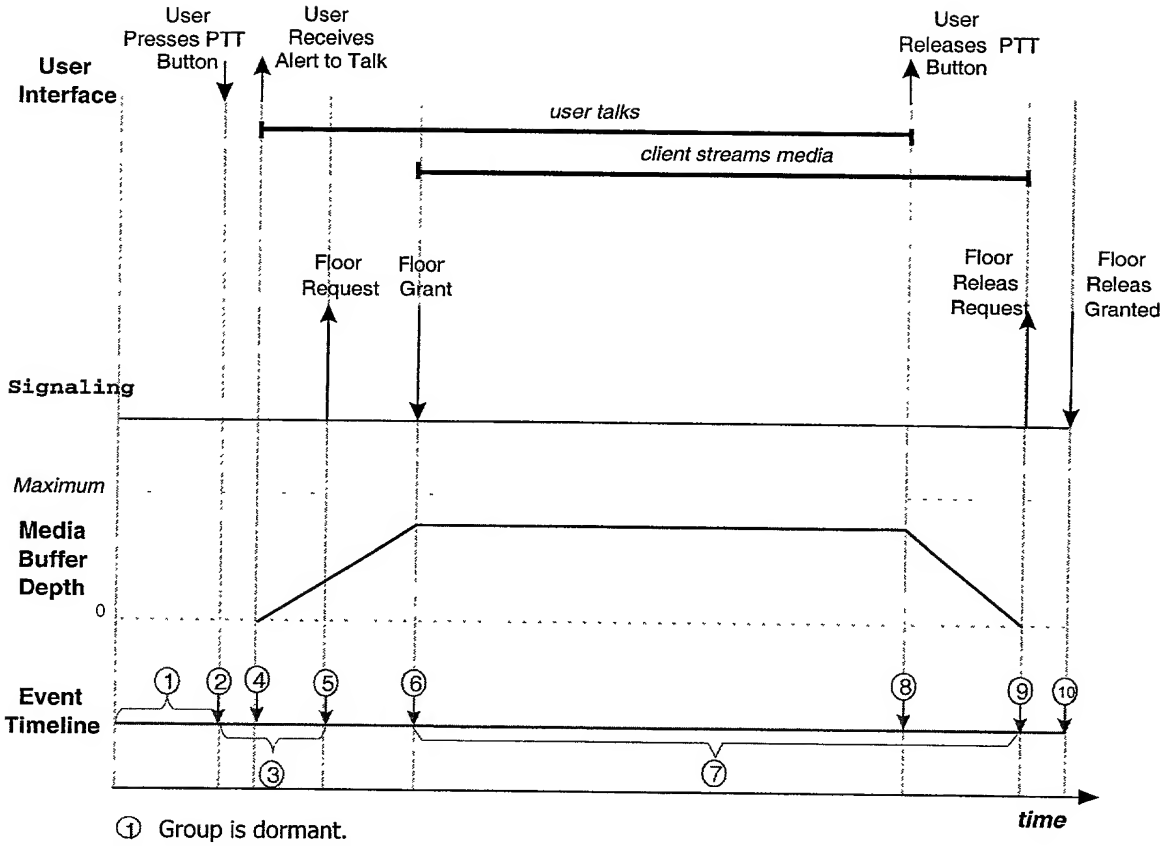

MS
CDMA Infrastructure
PDSN
CM
404
402
406
PDSN Initiated Link Layer Connection Reactiviation
wakeup trigger
General Page (Service Option 33)
Page Response Message (Service Option 33)
402
wakeup trigger
Service Option 33 Re-Origination
402
408
listener client traffic channel re-established
410
wakeup trigger
Wakeup Timer
RLP synchronization
412
wakeup trigger
wakeup reply
416
414
talker announcement
CM streams media to listeners
418
t

FIG. 4



① Group is dormant.
② User presses the PTT button.
③ Client re-establishes a packet data connection.
④ Packet data connection has been established; floor request is transmitted to CM
⑤ Client Receives grant of floor from CM.
⑥ User is alerted to begin speaking; media is streamed to
⑦ CM buffers media from talker
⑧ CM receives indication that listener phones have re-established their traffic channels, and begins streaming media tolisteners' phones.
⑨ User finishes talking and releases his PTT button; floor release request is
⑩ Floor release is granted to
⑪ CM stops streaming media to

FIG. 5



① Group is dormant.

② User presses the PTT button.

③ Client begins process of re-establishing a packet data traffic channel.

④ Client alerts user that floor has been granted after a configurable delay and begins buffering user media.

⑤ Client successfully re-establishes traffic channel. Client transmits request for floor to CM.

⑥ Client is granted the floor by the CM

⑦ Client streams buffered media to CM.

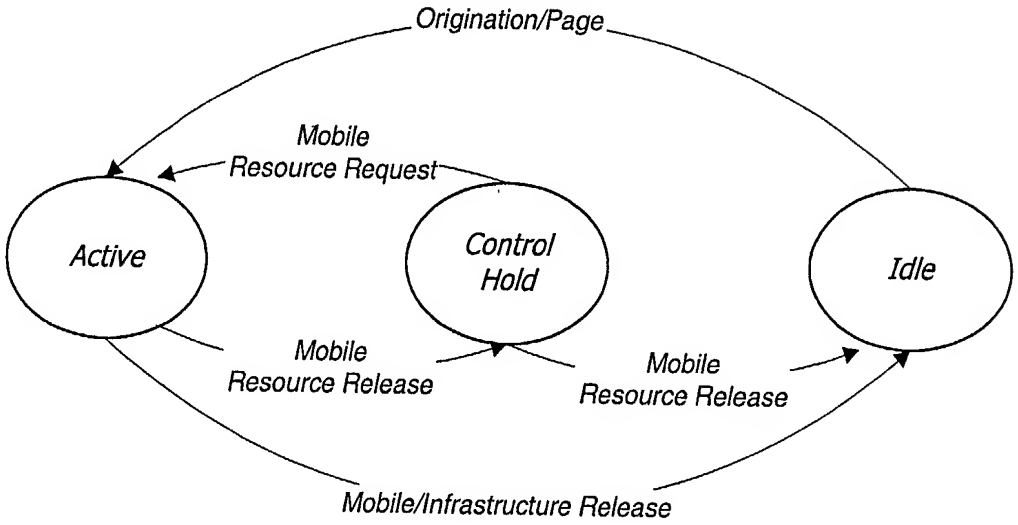
⑧ User releases the PTT button. Client stops buffering media.

⑨ Client finishes streaming buffered media to CM, requests release of the floor by the CM.

⑩ Client receives acknowlegement of floor release from the CM

FIG. 6

TARGET: 09990081



Active

FCH and/or DCCH assigned
Continuous reverse pilot
Dedicated traffic channels

Control Hold

DCCH only
Gated reverse pilot
No fundamental traffic channels
Short Data Burst available

Idle

No dedicated channels
No reverse pilot
Short Data Burst available

FIG. 7